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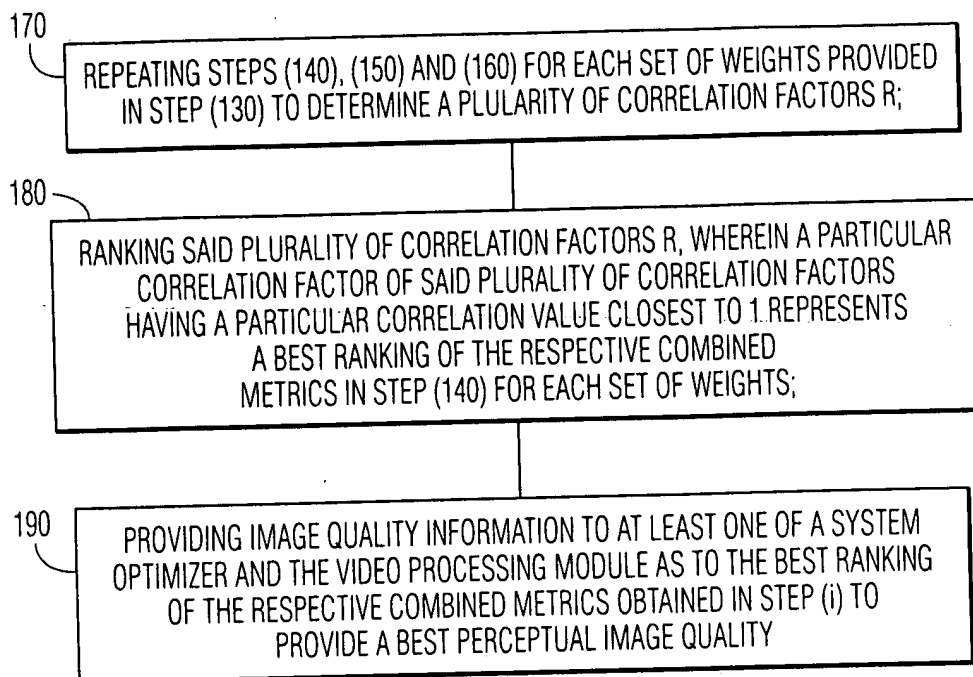


FIG. 1B

WHEN A PREDETERMINED NUMBER OF SETS OF METRICS = n, THE QUADRATIC MODEL TO OBTAIN THE OBJECTIVE EVALUATION F IS:

$$F = \left(\sum_{i=1}^n w_i x_i \right)^2, \text{ WHEREIN "n" IS A NON-ZERO VALUE.}$$

FIG. 1C

WHEN A NUMBER OF THE SET OF METRICS = 4, THEN THE QUADRATIC MODEL TO OBTAIN THE OBJECTIVE EVALUATION F IS:

$$F = w_1^2 x_1^2 + w_2^2 x_2^2 + w_3^2 x_3^2 + w_4^2 x_4^2 + w_5^2 x_1 x_2 + w_6^2 x_1 x_3 + w_7^2 x_1 x_4 + w_8^2 x_2 x_3 + w_9^2 x_2 x_4 + w_{10}^2 x_3 x_4$$

FIG. 1D